

NURSB - 1681 - MICROBIOLOGY - NUTTP (AUGUST-2009)_AUGUST-09 (OCT-09).doc

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. (Nursing - Basic) Degree Examination – Aug / Sept 2009

Time: Three Hours**Max. Marks: 80 Marks****MICROBIOLOGY (Revised Scheme)****Q.P. CODE: 1681**

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two)**2 x 10 = 20 Marks**

1. List the various methods of sterilization by moist heat. Discuss the principle and uses of sterilization by autoclave
2. Classify immunity. Describe innate immunity
3. Classify streptococci. Describe the morphology, pathogenicity and laboratory diagnosis of streptococcus pyogenes

SHORT ESSAYS (Answer any Eight)**8 x 5 = 40 Marks**

4. Antibiotic sensitivity test
5. Enzyme linked immunosorbent assay (ELISA)
6. Standard tests for syphilis
7. Blood culture
8. Coagulase negative staphylococci
9. Interferon
10. Viral vaccines
11. Extra intestinal manifestations of E. histolytica
12. C. albicans
13. Mycetoma

SHORT ANSWERS**10 x 2 = 20 Marks**

14. Name 2 intestinal nematodes
15. List 4 species of malarial parasites
16. Draw a neat and labeled diagram of A.lumbricoides
17. Name 2 transport media
18. Give 4 differences between exotoxin and endotoxin
19. Draw a neat and labeled diagram of IgG
20. Classification of mycobacteria
21. Name 2 opportunistic fungal infections
22. Name 2 serological tests for the diagnosis of HIV infection
23. Name the different groups of dermatophytes
